

# SOUTH PRODUCTION NOTES

February 20, 2014  
Midnight Shift

BASF EMPLOYEES  
12 Last Recordable  
234 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Bldg 31 is now regulated as we are running the Si-1624 material

Every Thursday, 11am to 3pm for the next 4 weeks will be a Safe Work Permit writing class for new people to be trained or for a refresher class.

**#1 MED Si-1624:** Started another 3 batches with no adjustments to the recipe in the computer. We have added, however, a breaker bar to the dryer – we are going for smaller extrusions. Stop after the third batch is completed to wait for results.

Day shift: Waiting on lab results of trial material. Should be ready by afternoon shift.

Afternoon Shift: Continue running 3 batches. We will not finish them on second shift.

Need to continue on third.

Midnight shift:

**#1 RC / Si-1624:** We have been running the bags labeled “trial batches”. We will also feed the 3 batches currently being made. We have attached the granulator with a 6 mesh to the spiral elevator and have changed the oversize screen from a 3 to a 5 per instructions from engineer. Watch for excessive fines we may need to scale down to a 4 mesh.

Day shift: Trial batches started feeding into bag #9 of lot 618. Feed the two bag of trial #2 first, then the 2 bags of trial #1.

Afternoon Shift: Continue to run. Feed the material coming out of the extruder but keep it in order.

Midnight shift:

Exhaust to F-1

**#2 MED line/ Cu-1230:** Soda blasting will be done on Wednesday.

Day Shift: Soda blasting by Shirmer today, confirmed done.

Afternoon Shift: The soda blast has been completed.

Midnight shift:

**#2 RC/ Cu-1230:** The replacement gear box is ordered with a month lead time.

Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu-0860.

Day shift: performing minor cleaning around calciner. Will need to inspect spiral on Thursday for verification on what cleaning needed, if any.

**#3 MED line / D-1798:** Continue to run. Be sure to add ½ drum of the wet mix in on every batch. **REMEMBER, we are using beta zeolite up on the third floor.**

Day shift: Continue, add wet mix when available

Afternoon Shift: Continue; add wet mix when available.

Midnight Shift:

**#3 RC/ D-1798 NAQ:** We have started to feed D-1798 NAQ to calciner.

Day shift: Continue

Afternoon Shift: Continue.

Midnight shift:

**Exhausting to CTO**

**Old Pfaudler – D-1799 NAQ:** All Lot 5 material has been used.

Day Shift: On hold.

Afternoon Shift: No activity.

Midnight shift: No activity.

**Tank 7 / AMT for D-1799 NAQ:** Monitor tank's temperature. Reminder - unable to fix valve at bottom of tank 7.

Day shift: Lucas inspecting actuated outlet valve and discovered lines all plugged. Will work on getting open and re-assembled by Thursday.

Afternoon Shift:

Midnight shift:

**New Pfaudler / V-2045 next:** We are using the solution without the agitator. **Need to keep tank SPG between 1.26 and 1.30.** Be sure to use the solution shortly after toting it off to avoid crystallization. **Currently waiting for test results and the potential adjustment to solution – do not make the fourth batch yet.** Mount is in the Pfaudler.

**Additionally, use three (3) bags @ 1000 lb when dropping material from Pfaudler.**

Day shift: Finishing batch from midnight shift (#3), continue

Afternoon Shift: Stopped making batch #4 per engineer. Waiting for lab results before proceeding.

Midnight shift:

**Tank 6 / V-2045 solution:** **KEEP AN EYE ON THE TEMPERATURE AND CHECK SPG ONCE PER SHIFT – NO EXCUSES.**

Day shift:

Afternoon Shift: Continue to monitor temps and Spg.

Midnight shift:



**National Dryer / :** Schirmer has finished the soda blasting. We could schedule an operator to begin washing down the dryer to remove left over soda.

**Day shift:** Looks pretty good, will need to walk through Thursday

**Afternoon shift:**

**Midnight shift:**

**#4 RC / Ni 2458 (2<sup>nd</sup> dip):** Calciner has been reversed. Will be running 5202 material through to flush. We do not have any 5202 here yet. Make sure thermowell is cleaned off before this happens.

**Day shift:** No change...will re-evaluate Thursday

**Afternoon Shift:**

**Midnight shift:**

**Exhaust to Trimer**

**PK Blender / 1520:** Completed until we receive more 7005 material. Batches are being placed in warehouse aisles: J1/J4/M5/B2/and aisle between A and B.

**Day shift:** Looking to restart 1520 on Thursday when base comes in. Currently toting off 1520 solution to empty tank.

**Afternoon Shift:** No activity.

**Midnight shift:**

**HC-11 Tanks – 1520 in tank 107/clean other tanks for 5020:** No more batches.

Clean tanks for 5020. We will need to tote off what is left in tank 107 after all 7005 is used from the trailer. Also, Lucas has work order to fix outlet valve on 107 tank. Need emptied and rinsed by Thursday

**Day shift:** Looking to restart 1520 on Thursday when base comes in. Currently toting off 1520 solution to empty tank, then rinse with acid wash from 4 tank and get empty for valve repair.

**Afternoon Shift:** Tank 107 is empty of 1520 solution and had acid wash in it as instructed.

**Midnight Shift:**

**#5 RC / OxyVinyl Catoxid:** Restarted feed late day shift. Keep an eye on pressure drops and perform daily HEPA inspection. Also, REMEMBER, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083).

**Day shift:** Back together, feed restarted (see above).

**Afternoon shift:** Replaced the HEPA filter at 8:00 pm. Pressure drops on 5A are 3.6; 5B is .66 and the HEPA is around 2.

**Midnight shift:**

**Exhaust to 5DC when feeding**

**Tower 3 / Cu-1230:** Tower was unloaded and reloaded and is running.

**Day shift:** Continue

**Afternoon shift:** Continue.

**Midnight Shift:**

**Tower 6 / Cu-1986:** Tower is loaded and running.

**Day shift:** Continue

**Afternoon shift:** Continue.

**Midnight Shift:**

**Harrop Kiln - Al-3921 T 3/16”:** Down... saggars have been removed, screener parts at TK#2

**Day shift:** Down

**Afternoon Shift:**

**Midnight Shift:**

**North Screener / Cu 1230:** Screener switched to Cu 1230

**Day shift:**

**Afternoon Shift:**

**Midnight shift:**

**South Screener / Cu 1986:** Continue.

**Day shift:** Continue, 1 tote remaining

**Afternoon Shift:** Last tote hanging.

**Midnight shift:**

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:** Down.

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** Saggars have been switched to Vanadium saggars.

**Day shift:** Holding temps at 200.

**Afternoon Shift:** Started to light up calciner but was instructed not to.

**Midnight shift:** Holding.

**Tunnel Kiln #4 / Cu-0540 done: HOLD**

**Day shift:**

**Afternoon Shift:**

**Midnight shift: Down.**

**#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.**

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**Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.**

**1) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers**

**2) D-1799 NAQ - East Pfaudler/#3 P&S/#3 RC**

**3) 1520 Impregs - PK/HC-11 Tank Make Up**

**4) Catoxid - #5 RC**

**5) Ni-2458 E - West Pfaudler/National Dryer/#4RC**

**6) Si-1624 E - #1 MED/#1 RC**

**7) Clean #2 P&S Dryer**

**8) Clean #2 MED Line**